

Claims

- Sub.  
A1.
1. Heating and air conditioning installation, particularly, for a vehicle having a first fluid circuit (10) comprising a first heat exchanger (12), a second fluid circuit (20) comprising a second heat exchanger (22), and having a third fluid circuit (30) comprising a third heat exchanger (32), characterized in that the second and/or third heat exchanger (22, 32) is connected downstream of the first heat exchanger (12) in terms of air-flow technology.
2. Heating and air conditioning installation according to Claim 1, characterized in that the second or the third heat exchanger (22, 32) is connected downstream of the first heat exchanger (12) in terms of air-flow technology, the other heat exchanger (22, 32) being connected or connectable upstream of the first heat exchanger (12).
3. Heating and air conditioning installation according to Claim 1 or 2, characterized in that the downstream heat exchanger(s) (22, 32) forms/form a structural unit with the first heat exchanger (12), the respective heat exchangers (12, 22, 32) in particular being thermally isolated from one another.
4. Heating and air conditioning installation according to one of the preceding claims, characterized in that the second and the third fluid circuits (20, 30) are coupled to one another, one fluid circuit (20, 30) in particular forming a bypass with respect to the other fluid circuits (20, 30).
5. Heating and air conditioning installation according to Claim 4, characterized in that fluid-flow and/or state control means (31; 34; 35, 36; 35, 37, 38) are provided in the transition region between the second and third fluid circuit (20, 30).

6. Heating and air conditioning installation according to Claim 5, characterized in that at least one fluid-flow and/or state control means (31; 34; 35, 36; 35, 37, 38) fulfils the function of a throttle, in particular designed as a two- or multi-stage throttle (38).

7. Heating and air conditioning installation according to one of the preceding claims, characterized in that an air-flow control means is connected upstream of at least one heat exchanger (12, 22, 32), in particular for diverting or delivering air with respect to the heat exchanger (12, 22, 32) in question.

8. Heating and air conditioning installation according to one of the preceding claims, characterized in that a phase change of the fluid takes place in at least one heat exchanger (12, 22, 32).

Add  
A2.  
i.

ms  
C2

09/04/2001 10:10:10